

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	79764	((specific adj gravity) or suspended) with (particle or particulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:44
L2	14565	(specific adj gravity) with (particle or particulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:45
L3	13	2 and 134/2-6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:56
L4	96	(ultrasonic with agitate) same (frequency or "Hz" or hertz or "kHz" or "MHz")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:58
S1	130	422/6.ccls.	USPAT	OR	ON	2006/03/08 17:05
S2	1690	216/13,24,38.ccls.	USPAT	OR	ON	2006/03/08 17:06
S3	1260	216/89,83,88.ccls.	USPAT	OR	ON	2006/03/08 17:07
S4	32	S3 and (\$5sonic\$4 with agitat\$3)	USPAT	OR	ON	2006/03/08 17:38
S5	1	("6130015").PN.	USPAT	OR	ON	2006/03/08 17:48
S6	432952	(polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) with surface	USPAT	OR	ON	2006/03/10 16:31
S7	13381	(sonic\$4 or ultrasonic\$4) adj (agitat\$3 or energy)	USPAT	OR	ON	2006/03/08 17:50
S8	809	S6 same S7	USPAT	OR	ON	2006/03/08 17:50
S9	192	S8 and array	USPAT	OR	ON	2006/03/08 17:58
S10	339	S8 and (pH or acid\$2)	USPAT	OR	ON	2006/03/08 20:07
S11	685	S7 same (ph or acid\$2)	USPAT	OR	ON	2006/03/08 20:07
S12	93	S11 same substrate	USPAT	OR	ON	2006/03/08 20:21
S13	0	S11 same (isoelectric with substrate)	USPAT	OR	ON	2006/03/08 20:21
S14	393	(isoelectric with substrate)	USPAT	OR	ON	2006/03/08 20:24
S15	3	S14 and S7	USPAT	OR	ON	2006/03/08 20:29

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S16	29	mcentee-john-f.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:29
S17	3	perbost-michel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:35
S19	3	vandenburg-joseph.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:30
S20	2	"58048682".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:40
S21	435	particles same cleaning same ultrasonic same (acid\$2 or bas\$2 or isoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:43
S22	94	particles same cleaning same ultrasonic same (acid\$2 or bas\$2 or isoelectric) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:56
S23	54	particles same cleaning same ultrasonic same bas\$2 same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 20:57
S24	486452	(polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) with (surface or substrate or array)	USPAT	OR	ON	2006/03/08 21:06
S25	53879	S24 same (particulate or particle)	USPAT	OR	ON	2006/03/08 21:05
S26	1142	S25 same ultrasonic	USPAT	OR	ON	2006/03/08 21:05
S27	116527	(polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) with substrate	USPAT	OR	ON	2006/03/08 21:12
S28	284	S27 same ultrasonic same (particulate or particle)	USPAT	OR	ON	2006/03/08 21:13

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S29	3	nakabayshi-shinichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 21:12
S30	288022	(polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 21:13
S31	680	S30 same ultrasonic same (particulate or particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 21:14
S32	110376	(polish\$3 or abrad\$3 or roughen\$3 or clean\$3) with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 21:14
S33	479	S32 same ultrasonic same (particulate or particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 14:54
S34	88	S33 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 21:15
S35	110489	(polish\$3 or abrad\$3 or roughen\$3 or clean\$3) with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 14:54
S36	54	S35 same ultrasonic same particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 15:01
S37	5	S36 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 14:55
S38	1929	134/2.ccls.	USPAT	OR	ON	2006/03/09 15:59
S41	798	S38 and (particle or particulate)	USPAT	OR	ON	2006/03/09 16:01
S42	187	S41 and ultrasonic	USPAT	OR	ON	2006/03/09 16:21

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S43	149	("1580576" "1949264" "2412819" "2920417" "2927900" "2987483" "3048548" "3306858" "3334147" "3351558" "3382178" "3390092" "3390093" "3392121" "3441511" "3442242" "3491028" "3557003" "3639286" "3695989" "3790482" "3816320" "3846346" "3856932" "3887614" "3899436" "3933670" "3936386" "3941710" "3961754" "3985669" "4000080" "4072621" "4083795" "4105573" "4147650" "4148603" "4211517" "4212761" "4216125" "4219436" "4238345" "4243543" "4261868" "4268406" "4274975" "4276205" "4284532" "4289815" "4329246" "4348293" "4359413" "4416793" "4426362" "4474976" "4481167" "4537706" "4587031" "4594175" "4595520" "4605509" "4608187" "4608189" "4618914" "4664848" "4677130" "4680134" "4687121" "4690305" "4692494" "4695284" "4698181" "4715979" "4725376" "4753755" "4826661" "4830773" "4836951" "4845965" "4846993" "4858449" "4895667" "4965012" "4983315" "5019292" "5034147" "5061392" "5064561" "5078301" "5080819" "5118426" "5122538" "5173207" "5223179" "5234719" "5254287" "5290496" "5292525" "5312561" "5316688" "5358653" "5382377" "5407700" "5419850" "5429766" "5451336" "5474698" "5494817" "5516449" "5559089" "5578134" "5589099" "5650017" "5665694" "5691292" "5763378" "5858117" "5858299" "5861366" "5876514" "5990068" "6008174" "6017864" "6060444" "6136769").PN. OR ("6156715" "RE32762" "RE32763" "RE32818").PN. OR ("6638902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 16:28
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EAST Search History

S44	0	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj (surface or substrate)) same bioarray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:31
S45	2842	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj (surface or substrate)) same array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:32
S46	1009	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj (surface or substrate)) with array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:40
S47	5103	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj2 (surface or substrate)) same array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 11:48
S48	777	S47 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:56
S49	419	S47 same (particle or particulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:57
S50	45	S49 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 16:57
S51	13	("4315958" "4407695" "4701366" "4801476" "5437892" "5505996" "5540951" "5753130" "5968642" "6017390" "6019658" "6207578" "6355429").PN. OR ("6521541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/10 17:29
S52	23	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj2 (surface or substrate)) same array same (particle or particulate) same (pH or alkaline or basic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:22

EAST Search History

S53	461	((polish\$3 or abrad\$3 or roughen\$3 or remov\$3 or clean\$3) adj2 substrate) same (particle or particulate) same (pH or alkaline or basic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:23
S54	43	S53 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:23
S55	0	("2005/0233578").URPN.	USPAT	OR	ON	2006/03/12 12:42
S56	6	S54 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:46
S57	3033	438/633,692.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:47
S58	180	438/633,692.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 12:47
S59	1737386	contact treat clean wash rinse immerse soak dip cleanse	USPAT	OR	ON	2006/03/14 14:33
S60	2608909	substrate article object workpiece	USPAT	OR	ON	2006/03/14 14:33
S61	1177286	water aqueous alcohol ethenol methanol	USPAT	OR	ON	2006/03/14 14:33
S62	143454	ultrasonic\$5 sonic\$5 megasonic\$5	USPAT	OR	ON	2006/03/14 14:35
S63	32085	(vibration adj5 (frequency or "Hz" or Hertz or "kHz" or "MHz")) cavitat\$4	USPAT	OR	ON	2006/03/14 14:37
S64	3165	S59 and S60 and S61 and S62 and S63	USPAT	OR	ON	2006/03/14 14:42
S65	45	S59 same S60 same S61 same S62 same S63	USPAT	OR	ON	2006/03/14 16:17
S66	9	S65 and array	USPAT	OR	ON	2006/03/14 16:21
S67	281	S64 and (array same (probe or marker or label or protein or antigen or antibody or DNA))	USPAT	OR	ON	2006/03/14 16:34
S68	271	S59 with S60 with S61 with (S62 or S63)	USPAT	OR	ON	2006/03/14 16:36
S69	57	S68 and array	USPAT	OR	ON	2006/03/14 16:36

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S70	1737386	contact treat clean wash rinse immerse soak dip cleanse	USPAT	OR	ON	2006/03/17 10:13
S71	2608909	substrate article object workpiece	USPAT	OR	ON	2006/03/15 17:46
S72	1177286	water aqueous alcohol ethenol methanol	USPAT	OR	ON	2006/03/15 17:46
S73	143454	ultrasonic\$5 sonic\$5 megasonic\$5	USPAT	OR	ON	2006/03/15 17:46
S74	32085	(vibration adj5 (frequency or "Hz" or Hertz or "kHz" or "MHz")) cavitat\$4	USPAT	OR	ON	2006/03/15 17:46
S75	271	S70 with S71 with S72 with (S73 or S74)	USPAT	OR	ON	2006/03/15 17:50
S76	138	S75 and (particle or particulate)	USPAT	OR	ON	2006/03/15 17:51
S77	5	("3823408" "5927306" "5969353" "6079225" "6485689").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 18:31
S78	2759	particle same (sonic\$4 or ultrasonic\$4) same (agitat\$3 or energy) same (water or toluene or ethanol or acetone or (acetyl adj nitrile) or dichloromethane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 18:42
S79	129	(particle or particulate) same (sonic\$4 or ultrasonic\$4) same (agitat\$3 or energy) same (water or toluene or ethanol or acetone or (acetyl adj nitrile) or dichloromethane) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:48
S80	0	"6919541".pn. and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:10
S81	5	laser\$1scribed adj glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:12
S82	129	(particle or particulate) same (sonic\$4 or ultrasonic\$4) same (agitat\$3 or energy) same (water or toluene or ethanol or acetone or (acetyl adj nitrile) or dichloromethane) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:12
S83	31	S82 and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:13

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S84	698	(particle or particulate) same (sonic\$4 or ultrasonic\$4) same (water or toluene or ethanol or acetone or (acetyl adj nitrile) or dichloromethane) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:49
S85	196	S84 and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:49
S86	1730	(contact treat clean wash rinse immerse soak dip cleanse) and (laser same (glass or "sio2" or (silicon adj dioxide) or silica or (silicon adj oxide))) and array and probe	USPAT	OR	ON	2006/03/17 10:18
S87	3137	(contact treat clean wash rinse immerse soak dip cleanse) and (laser same (glass or "sio2" or (silicon adj dioxide) or silica or (silicon adj oxide))) and probe	USPAT	OR	ON	2006/03/19 19:43
S88	81	S87 and array.ti.	USPAT	OR	ON	2006/03/17 10:18
S89	260	assay and array and (laser with glass) and (markers labels proteins antigens antibodies DNA) and ((contact polish treat clean wash rinse immerse dip cleanse) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 19:58
S90	263	assay and array and (laser with glass) and (marker label protein antigen antibodie DNA probe) and ((contact polish treat clean wash rinse immerse dip cleanse) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 19:59
S91	263	assay and array and (laser with glass) and (marker label protein antigen antibody DNA probe) and ((contact polish treat clean wash rinse immerse dip cleanse) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 19:58
S92	258	assay and array and (laser with glass) and (marker label protein antigen antibodie DNA probe) and ((contact polish treat clean wash rinse immerse dip cleanse) with substrate) and sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 20:02

EAST Search History

S93	1	"5445934".pn. and assay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:43
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